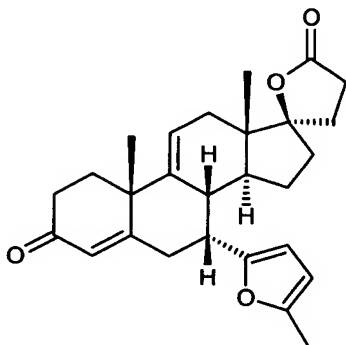


CLAIMS

1. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone a compound of the formula



- 5 in crystalline form having a powder X-ray diffraction spectrum of:

Two-Theta Angle (°) with a range of

	<u>From</u>	<u>To</u>
	6.46	6.59
	10.46	10.70
10	11.48	11.70
	12.55	12.79
	14.19	14.36
	15.06	15.30
	16.10	16.65
15	16.55	16.74
	17.79	18.01
	18.25	18.46
	19.46	19.70
	20.06	20.30
20	20.86	21.25
	21.60	21.80
	23.14	23.35
	24.74	24.95
	25.15	25.96

	25.85	26.05
	27.35	27.55
	28.26	28.90
	28.75	28.85
5	29.91	30.14
	30.90	31.10
	31.86	32.05
	32.59	32.79
	33.14	33.89
10	33.63	34.00
	34.27	34.49
	35.52	35.75
	36.06	36.30
	37.02	37.21
15	37.74	37.91
	38.42	38.64
	39.35	39.39

to a reasonable degree of scientific certainty, where

Two-Theta Angle is measured in degrees.

20

2. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 1 having a average powder X-ray diffraction spectrum of:

Two-Theta Angle (°) average

	6.53
25	10.59
	11.58
	12.68
	14.28
	15.18
30	16.35
	16.64

	17.90
	18.38
	19.58
	20.17
5	21.05
	21.71
	23.25
	24.82
	25.32
10	25.95
	27.45
	28.44
	28.80
	30.01
15	31.00
	31.97
	32.69
	33.32
	33.80
20	34.37
	35.65
	36.17
	37.12
	37.83
25	38.53
	39.37

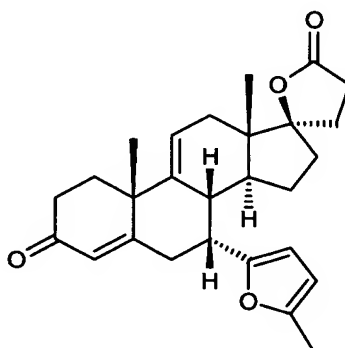
to a reasonable degree of scientific certainty.

3. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -
 30 lactone (II) according to claim 1 having an X-ray powder diffraction pattern with a peak at
 14.2 \pm 0.2 degrees two theta.

4. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 1 having an X-ray powder diffraction pattern with peaks at 10.6 ± 0.2 , 14.2 ± 0.2 , and 17.8 ± 0.2 degrees two theta.

5

5. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone a compound of the formula



in crystalline form having a powder X-ray diffraction spectrum of:

10	Two-Theta Angle (°) and Relative Intensity (%) with a ranges of			
	<u>Two-Theta Angle (°)</u>		<u>Relative Intensity (%)</u>	
	<u>From</u>	<u>To</u>	<u>From</u>	<u>To</u>
	6.46	6.59	1.0	1.6
	10.46	10.70	10.7	58.3
15	11.48	11.70	11.7	20.8
	12.55	12.79	2.2	4.2
	14.19	14.36	14.4	100.0
	15.06	15.30	15.3	29.5
	16.10	16.65	7.2	50.3
20	16.55	16.74	16.7	66.4
	17.79	18.01	18.0	100.0
	18.25	18.46	18.5	34.5
	19.46	19.70	6.1	12.6
	20.06	20.30	19.5	28.1

	20.86	21.25	16.1	36.3
	21.60	21.80	10.8	20.0
	23.14	23.35	23.3	48.0
	24.74	24.95	11.5	19.0
5	25.15	25.96	4.4	30.3
	25.85	26.05	12.1	31.2
	27.35	27.55	9.5	22.7
	28.26	28.90	2.1	6.2
	28.75	28.85	6.6	11.1
10	29.91	30.14	1.9	3.5
	30.90	31.10	5.6	10.4
	31.86	32.05	1.2	3.7
	32.59	32.79	0.9	2.3
	33.14	33.89	1.6	4.5
15	33.63	34.00	1.1	4.9
	34.27	34.49	1.4	2.2
	35.52	35.75	1.3	3.9
	36.06	36.30	7.9	27.0
	37.02	37.21	3.9	6.2
20	37.74	37.91	1.0	2.2
	38.42	38.64	1.2	2.9
	39.35	39.39	1.6	1.8

to a reasonable degree of scientific certainty, where

Two-Theta Angle is measured in degrees and

25 Relative Intensity is the intensity percentage of each peak relative to the strongest peak.

6. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 5 having a average powder X-ray diffraction spectrum and an
30 average Relative Intensity of:

Two-Theta Angle (°) average

Relative Intensity (%) average

	6.53	1.3
	10.59	40.9
	11.58	15.9
	12.68	2.9
5	14.28	98.2
	15.18	26.1
	16.35	18.7
	16.64	40.3
	17.90	62.9
10	18.38	27.7
	19.58	9.4
	20.17	23.8
	21.05	25.1
	21.71	15.6
15	23.25	36.4
	24.82	13.5
	25.32	8.4
	25.95	23.1
	27.45	17.0
20	28.44	3.8
	28.80	8.5
	30.01	2.5
	31.00	7.9
	31.97	2.5
25	32.69	1.7
	33.32	3.4
	33.80	2.7
	34.37	1.7
	35.65	2.5
30	36.1	15.3
	37.12	4.8

37.83	1.6
38.53	2.3
39.37	1.7

to a reasonable degree of scientific certainty.

5

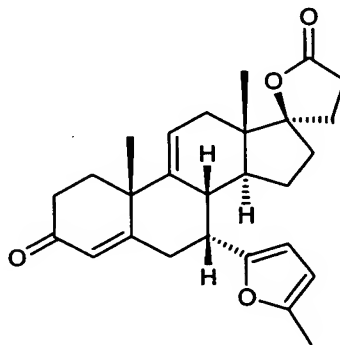
7. 17β -Hydroxy- 7α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 5 having an X-ray powder diffraction pattern with a peak at 14.2 ± 0.2 degrees two theta.

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8. 17β -Hydroxy- 7α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 5 having an X-ray powder diffraction pattern with peaks at 10.6 ± 0.2 , 14.2 ± 0.2 , and 17.8 ± 0.2 degrees two theta.

15

9. 17β -Hydroxy- 7α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone a compound of the formula



in crystalline form having a powder X-ray diffraction spectrum of:

Two-Theta Angle ($^{\circ}$), d-spacing (\AA) and Relative Intensity (%) with ranges of						
<u>Two-Theta Angle ($^{\circ}$)</u>		<u>d-spacing (\AA)</u>		<u>Relative Intensity (%)</u>		
<u>From</u>	<u>To</u>	<u>From</u>	<u>To</u>	<u>From</u>	<u>To</u>	
6.46	6.59	13.39	13.66	1.0	1.6	
10.46	10.70	8.26	8.45	10.7	58.3	
11.48	11.70	7.56	7.70	11.7	20.8	
12.55	12.79	6.92	7.05	2.2	4.2	

20

	14.19	14.36	6.16	6.24	14.4	100.0
	15.06	15.30	5.79	5.88	15.3	29.5
	16.10	16.65	5.32	5.50	7.2	50.3
	16.55	16.74	5.29	5.35	16.7	66.4
5	17.79	18.01	4.92	4.98	18.0	100.0
	18.25	18.46	4.80	4.86	18.5	34.5
	19.46	19.70	4.50	4.56	6.1	12.6
	20.06	20.30	4.37	4.42	19.5	28.1
	20.86	21.25	4.18	4.26	16.1	36.3
10	21.60	21.80	4.07	4.11	10.8	20.0
	23.14	23.35	3.81	3.84	23.3	48.0
	24.74	24.95	3.57	3.60	11.5	19.0
	25.15	25.96	3.43	3.54	4.4	30.3
	25.85	26.05	3.42	3.44	12.1	31.2
15	27.35	27.55	3.24	3.26	9.5	22.7
	28.26	28.90	3.09	3.16	2.1	6.2
	28.75	28.85	3.09	3.10	6.6	11.1
	29.91	30.14	2.96	2.98	1.9	3.5
	30.90	31.10	2.87	2.89	5.6	10.4
20	31.86	32.05	2.79	2.81	1.2	3.7
	32.59	32.79	2.73	2.75	0.9	2.3
	33.14	33.89	2.64	2.70	1.6	4.5
	33.63	34.00	2.63	2.66	1.1	4.9
	34.27	34.49	2.60	2.61	1.4	2.2
25	35.52	35.75	2.51	2.53	1.3	3.9
	36.06	36.30	2.47	2.49	7.9	27.0
	37.02	37.21	2.41	2.43	3.9	6.2
	37.74	37.91	2.37	2.38	1.0	2.2
	38.42	38.64	2.33	2.34	1.2	2.9
30	39.35	39.39	2.29	2.29	1.6	1.8

to a reasonable degree of scientific certainty, where

Two-Theta Angle is measured in degrees,

d-Spacing is measured in angstroms, and

Relative Intensity is the intensity percentage of each peak relative to the strongest peak.

5

10. 17 β -Hydroxy-7 α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 9 having a average powder X-ray diffraction spectrum, and average d-Spacing and an average Relative Intensity of:

	<u>Two-Theta Angle (°) average</u>	<u>d-Spacing (Å) average</u>	<u>Relative Intensity (%) average</u>
10	6.53	13.52	1.3
	10.59	8.35	40.9
	11.58	7.63	15.9
	12.68	6.98	2.9
	14.28	6.20	98.2
15	15.18	5.83	26.1
	16.35	5.42	18.7
	16.64	5.32	40.3
	17.90	4.95	62.9
	18.38	4.82	27.7
20	19.58	4.53	9.4
	20.17	4.40	23.8
	21.05	4.22	25.1
	21.71	4.09	15.6
	23.25	3.82	36.4
25	24.82	3.58	13.5
	25.32	3.51	8.4
	25.95	3.43	23.1
	27.45	3.25	17.0
	28.44	3.14	3.8
30	28.80	3.10	8.5
	30.01	2.98	2.5

	31.00	2.88	7.9
	31.97	2.80	2.5
	32.69	2.74	1.7
	33.32	2.69	3.4
5	33.80	2.65	2.7
	34.37	2.61	1.7
	35.65	2.52	2.5
	36.1	2.48	15.3
	37.12	2.42	4.8
10	37.83	2.38	1.6
	38.53	2.33	2.3
	39.37	2.29	1.7

to a reasonable degree of scientific certainty.

- 15 11. 17β -Hydroxy- 7α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 9 having an X-ray powder diffraction pattern with a peak at 14.2 ± 0.2 degrees two theta.

- 20 12. 17β -Hydroxy- 7α -(5'-methyl-2'-furyl)-pregna-4,9(11)-dien-3-one-21-carboxylic acid, γ -lactone (II) according to claim 9 having an X-ray powder diffraction pattern with peaks at 10.6 ± 0.2 , 14.2 ± 0.2 , and 17.8 ± 0.2 degrees two theta.